

AMENDMENTS TO THE SPECIFICATION

In the Specification

Please substitute the following amended paragraph(s) and/or section(s) (deleted matter is shown by strikethrough and added matter is shown by underlining):

Page 36, line 12:

C 1 It is believed that ~~T~~the invention operates as follows:

Page 59, line 23- Page 60, line 3

Burn Duration

C 2 If the reactor core 101 can be engineered to have enough strength, heat dissipation capability,
and current carrying capability—greater than the rate at which energy is released by the fusion
burn—then it would be possible to contain the plasma until the fusion fuel is almost totally
consumed. Fusion burns of minutes or even hours in duration are possible. With the “No-Core”
design, fusion burns of indefinite length are possible. In some designs, plasma injectors 146 could
continuously inject small amounts of new fuel into the reactor core 101 to keep the fusion burn
going.